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9 October 1952

MEMORANDUM FOR: CHIEF, ASD/OTS

ATTENTION:

FROM: Chief, Applied Physics Branch, OTS

SUBJECT: Magnetic Tape Playback Unit

1. It is requested that ASD/OTS assemble and build a Magnetic Tape Playback Unit having the following characteristics:

- a. Double pick up head capable of handling a twin channel magnetic tape.
- b. Tape speed to be set for maximum low frequency response.
- c. The unit should be capable of playing continuously, this may be accomplished either through the use of a continuous loop tape or an inside take-off type reel.
- d. The unit to operate from standard 110 volt-60 cycle house lines.
- e. Pre-Amplifier stage for use as a C.R.O. input.
- f. Single volume control for both pick up heads.
- g. Rack mounted; whole unit hidden behind a front panel.

2. This equipment is to be used in conjunction with a special research and development project currently underway in the Applied Physics Branch.

3. This memorandum will confirm a verbal request coordinated with [redacted] of ASD/OTS by [redacted] APB/OTS on 3 October 1952.

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Polygraph
Boyer*

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4. Questions concerning this request should be referred
to [redacted] Extension [redacted]

Chief

Applied Physics Branch,OTS

Distribution:

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